

DOD CHLORDANE SOIL POLICY
IN HAWAII

This policy applies to construction projects on military installations in Hawaii, and not to environmental cleanup projects. Although not required by regulation due to chlordane's legal application, the Department of Defense (DoD) in working with the State of Hawaii Department of Health desires to provide a safe and healthy environment for service members, civilians and the public.

Soil will be handled as follows:

- a. Soil with chlordane concentrations equal to or less than that listed in the below table may remain on site without restrictions. A vegetative cover, though not required, should be considered.

Land Use	Maximum Concentration (ppm)
Residential	10
Industrial	36

- b. Soil with chlordane concentrations in excess of paragraph (a) will be placed under paved areas, covered with a minimum of 6 inches of clean fill, or transported off-site for disposal. Paved areas include concrete and asphalt surfaces, such as, building foundations, roadways, driveways, and basketball and tennis courts. Soil disposed of off-site will be sampled and tested to ensure compliance with State of Hawaii Department of Health disposal facility guidelines and permit requirements.

Representative sampling will be performed to determine the extent of chlordane present on site. Acceptable methods for sampling include biased-composite and multi-incremental sampling.

Soil removed during maintenance of the housing areas may be backfilled without testing provided the following guidelines are met:

- a. Soil will be redeposited in the same area and, as much as possible, at the same depth that it was originally encountered.
- b. The top 6 inches of the excavation shall be filled with clean material equal to or less than the chlordane concentrations presented in the above table.

Future re-grading activities at the site shall follow the guidelines outlined in this memo.

DoD reserves the right to perform a risk assessment to determine site-specific action levels.